

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004 <small>Effective 10/01/2003, Patent fees are subject to annual revision.</small>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/022,722-Conf. #2292
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	December 20, 2001
180.00		First Named Inventor	Glen Hush
		Examiner Name	H. Hoang
		Art Unit	2818
		Attorney Docket No.	M4065.0481/P481
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP		Large Entity Small Entity	
The Director is authorized to: (check all that apply)		Fee Code Fee (\$)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		Fee Code Fee (\$)	
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)		Fee Description	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Paid	
FEE CALCULATION			
1. BASIC FILING FEE			
Large Entity Small Entity			
Fee Code Fee (\$)			
1001 770 2001 385 Utility filing fee			
1002 340 2002 170 Design filing fee			
1003 530 2003 265 Plant filing fee			
1004 770 2004 385 Reissue filing fee			
1005 160 2005 80 Provisional filing fee			
SUBTOTAL (1) (\$)		0.00	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			
Total Claims		Extra Claims Fee from below Fee Paid	
Independent Claims			
Multiple Dependent			
Large Entity Small Entity			
Fee Code Fee (\$)			
1202 18 2202 9 Claims in excess of 20			
1201 86 2201 43 Independent claims in excess of 3			
1203 290 2203 145 Multiple dependent claim, if not paid			
1204 86 2204 43 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)		0.00	
**or number previously paid, if greater; For Reissues, see above			
		SUBTOTAL (3) (\$)	
		180.00	
SUBMITTED BY		(Complete (if applicable))	
Name (Print/Type) Thomas J. D'Amico		Registration No. (Attorney/Agent) 28,371	
Signature		Telephone (202) 828-2232	
		Date March 11, 2004	



Image

AF #2818

Docket No.: M4065.0481/P481  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Glen Hush

Application No.: 10/022,722

Filed: December 20, 2001

Art Unit: 2818

For: A PROGRAMMABLE CONDUCTOR  
RANDOM ACCESS MEMORY AND A  
METHOD FOR WRITING THERETO

Examiner: H. Hoang

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of the reference listed on the PTO/SB/08 is attached.

04/07/2004 JDBALINAM 00000110 10022722

01 FC:1806

180.00 09

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed reference.

Please charge our Credit Card in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0481/P481. A duplicate copy of this paper is enclosed.

Dated: March 11, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

Christopher S. Chow

Registration No.: 46,493

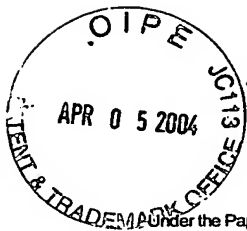
DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant



PTO/SB/08a/b (08-03)  
 Approved for use through 07/31/2006. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/022,722-Conf. #2292
				Filing Date	December 20, 2001
				First Named Inventor	Glen Hush
				Art Unit	2818
				Examiner Name	H. Hoang
Sheet	1	of	1	Attorney Docket Number	M4065.0481/P481

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	YOJI KAWAMOTO et al., "Ionic Conduction in As <sub>2</sub> S <sub>3</sub> -Ag <sub>2</sub> S, GeS <sub>2</sub> -GeS <sub>2</sub> -GeS-Ag <sub>2</sub> S and P <sub>2</sub> S <sub>5</sub> -Ag <sub>2</sub> S Glasses," Journal of Non-Crystalline Solids 20 (1976) 393-404.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



Docket No.: M4065.0481/P481  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Glen Hush

Confirmation No. 2292

Application No.: 10/022,722

Art Unit: 2818

Filed: December 20, 2001

Examiner: H. Hoang

For: A PROGRAMMABLE CONDUCTOR  
RANDOM ACCESS MEMORY AND A  
METHOD FOR WRITING THERETO

**REQUEST FOR ACKNOWLEDGMENT OF  
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In the Office Action dated March 24, 2004, there is no indication that the Information Disclosure Statement filed on March 11, 2004 has been considered. Applicant respectfully requests that the receipt and consideration of this Information Disclosure Statement (IDS) be formally acknowledged at the earliest possible convenience. For convenience, attached hereto is a copy of the IDS, Form PTO SB/08 and the corresponding postcard receipt with date-stamp showing the date of filing of the above listed Information Disclosure Statement.

Application No.: 10/022,722

Docket No.: M4065.0481/P481

Dated: April 5, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

Christopher S. Chow

Registration No.: 46,493

DICKSTEIN SHAPIRO MORIN &

OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant



**Atty Docket No.:** M4065.0481/P481

**Inventor:** Glen Hush

**Application No.:** 10/022,722-Conf. #2292

**Filing Date:** December 20, 2001

**Title:** A PROGRAMMABLE CONDUCTOR RANDOM ACCESS MEMORY AND A  
METHOD FOR WRITING THERETO

**Documents Filed:**

Information Disclosure Statement (2 pages in duplicate), PTO SB/08 (1 page) with reference

Fee Transmittal (1 page in duplicate)

Payment by credit card. Form PTO-2038 is attached (1 page)

Charge \$180.00 to credit card

**Via:** PTO DAILY RUN

**Sender's Initials:** TJD/CSC/cdl

**Date:** March 10, 2004



*[Handwritten signature]*